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INFUSORIAL ANIMALCULES IN RED SNOW.

Mr. Shuttleworth relates, that being occupied in the examination of some red snow that fell at the Grimsel, and expecting to see only inanimate globules of *Protococcus nivalis*, he was astonished to find that it was composed of organized bodies distinct in nature and form, partly vegetable, but the greater number endowed with the liveliest powers of motion, and belonging to the animal kingdom. Among these he has named one species *Astasia* [Ehrenb.] *nivalis*, and another *Gyges sanguineus*.—*Bibl. Univ.*

METEOROLOGICAL OBSERVATIONS FOR MARCH, 1840.

*Chiswick*.—March 1, 2. Cold and dry. 3. Cloudy. 4. Bleak and cold. 5. Frosty: cold and dry: sharp frost at night. 6, 7. Frosty haze: fine. 8, 9. Clear and frosty: fine. 10. Very fine. 11. Drizzly. 12. Cloudy. 13. Hazy: fine. 14. Overcast: very fine. 15. Slight rain. 16. Fine but cold. 17. Clear. 18. Overcast. 19, 20. Cloudy and cold: clear. 21. Very clear. 22. Overcast. 23. Fine but cold. 24, 25. Clear and cold. 26—28. Cloudy and cold. 29, 30. Cloudy and fine. 31. Drizzly.

It may be observed that the quantity of rain in this month was less than 3-10ths of an inch. The barometer stood remarkably high and in general very steady.

*Boston*.—March 1—3. Fine. 4. Stormy. 5—8. Fine. 9. Cloudy. 10. Fine. 11, 12. Cloudy. 13. Fine. 14. Rain. 15. Cloudy: rain P.M. 16, 17. Cloudy. 18. Rain: rain P.M. 19, 20. Cloudy. 21. Fine: snow early A.M. 22. Cloudy: rain P.M. 23. Cloudy: snow early A.M. 24. Hail: snow early A.M. 25. Fine: snow early A.M. 26. Fine: snow P.M. 27, 28. Cloudy. 29. Cloudy: rain P.M. 30, 31. Cloudy.

*Applegarth Manse, Dumfries-shire*.—March 1, 2. Fine clear day: frosty. 3. The same: getting cloudy P.M. 4, 5. The same: still freezing. 6. Remarkably fine day: gentle frost. 7—9. The same: hoar frost A.M. 10. The same, but threatening change. 11. The same, but cloudy: no frost. 12. The same: continuing cloudy: no frost. 13. Dry and boisterous: cloudy. 14. Dry but cloudy. 15. Fine day: rain A.M. 16. Slight rain morning: cleared up. 17. Fine: frosty early A.M. 18. Fine: the same. 19. Fine: without frost. 20. Fine: hoar frost. 21. Fine: strong frost. 22. Fine: getting cloudy. 23. Passing showers of snow and hail: frosty. 24, 25. The same: very cold: frosty. 26. Fair but cloudy. 27. Fine but dull. 28. Remarkably fine day. 29. The same after a shower A.M. 30. Wet morning: drizzly all day. 31. Occasional showers.

Sun shone out 29 days. Rain fell 5 days. Snow and hail 1 day. Frost and hoar frost 17 days.

Wind north  $1\frac{1}{2}$  day. North-east  $8\frac{1}{2}$  days. East 2 days. South 4 days. South-west 3 days. West 2 days. North-west 6 days. North-north-west 1 day. North-north-east 1 day. Variable 2 days.

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